Please type a plus sign (+) inside this box ⊞

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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))	Attorney Docket No.	112025-0417
	First Inventor or Application Identifier	Chien Fang et al.
	Title	Random Early Detection (RED) Algorithm Using Marked Segments to Detect Congestion in a Computer Network
	Express Mail Label No.	EL705757975US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility application contents

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (e.g., PTO/SB/17)
   (Submit an original and a duplicate for fee processing)

2. ☒ Specification [*Total Pages* 30]
   (preferred arrangement set forth below)
   - Descriptive title of the Invention
   - Cross References to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to Microfiche Appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure

3. ☒ Drawing(s) [*Total Sheets* 13]

4. Oath or Declaration [*Total Pages* 3]
   a. ☒ Newly executed (original copy)
   b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
      (for continuation/divisional with Box 17 completed)
      [Note Box 5 below]
      DELETION OF INVENTOR(S)
      i. ☐ Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference *(useable if Box 4b is checked)*
   The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

6. ☐ Microfiche Computer Program (*Appendix*)

7. Nucleotide and/or Amino Acid Sequence Sequence Submission ((*if applicable, all necessary*))
   a. ☐ Computer Readable Copy
   b. ☐ Paper Copy (Identical to computer copy)
   c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS
8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R.§3.73(b) Statement (*when there is an assignee*) ☒ Power of Attorney
10. ☐ English Translation Document (*if applicable*)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
14. ☐ *Small Entity Statement(s) ((PTO/SB/09-12) ☐ Statement filed in prior application, Status still proper and desired
15. ☐ Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. ☐ Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. §1.28).

17. If a CONTINUING APPLICATION, *check appropriate box and supply the requisite information below and in a preliminary amendment:*
   ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /
   Prior application Information: Examiner *Group/Art Unit:*

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label (Insert Customer No.) 24267 PATENT TRADEMARK OFFICE (label here) or ☐ Correspondence address below

Name	A. Sidney Johnston			
Address	Cesari and McKenna 88 Black Falcon Avenue			
City	Boston	State	MA	Zip Code 02210
Country	U.S.A.	Telephone (617) 951-2500		Fax (617) 951-3927

Name (Print/Type)	A. Sidney Johnston	Registration No. (Attorney/Agent)	29,548
Signature	*A. Sidney Johnston*	Date	October 20, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
    Chien Fang et al.)
)
Serial No.: Not Yet Assigned)   Examiner: Not Yet Assigned
)
Filed: October 20, 2000)
)   Art Unit: Not Yet Assigned
For: Random Early Detection (RED) Al-)
    gorithm Using Marked Segments to)
    Detect Congestion in a Computer)
    Network)

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
October 20, 2000

EXPRESS-MAIL DEPOSIT

"Express Mail" Mailing-Label Number: EL705757975US

The following papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

_X_ Patent Application (30 pages including 12 claims)
_X_ Declaration and Power of Attorney   _X_ Fee Transmittal Letter
_X_ Utility Patent Application Transmittal   _X_ Assignment With Recordation Form
Letter   Cover Sheet
_X_ Formal Drawing (13 sheets)   _X_ Check in the amount of $750.00

1

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.
These are the fees effective October 1, 1997.
Small Entity payments __must__ be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

Complete If Known		
Application Number	Not Yet Assigned	
Filing Date	October 20, 2000	
First Named Inventor	Chien Fang et al.	
Examiner Name	Not Yet Assigned	
Group / Art Unit	Not Yet Assigned	

TOTAL AMOUNT OF PAYMENT ($) 750 | Attorney Docket No. | 112025-0417

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: **03-1237**

Deposit Account Name: **Cesari and McKenna, LLP**

☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17

☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:
   ☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
101	710	201	35	Utility filing fee	710
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
				SUBTOTAL (1) ($)	710

2. EXTRA CLAIM FEES

	Extra Claims		Fee from below		Fee Paid
Total Claims	12 - 20** =	0	×	18 =	0
Independent Claims	2 - 3** =	0	×	80 =	0
Multiple Dependent				=	0

**or number previously paid, if greater; For Reissues, see below

Large Entity		Small Entity		
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
105	130	205	65	Fee Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English Specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extenstion for reply within fourth month	
128	1,890	128	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility Issue fee (or reissue)	
143	440	243	220	Design Issue fee	
144	600	244	300	Plant Issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	

Other (specify)
Other fee (specify)

SUBTOTAL (3) ($) 40

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

		Complete (if applicable)	
Typed or Printed Name	A. Sidney Johnston	Reg. Number	29,548
Signature	*(signature)* Date October 20, 2000	Deposit Account User ID	